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Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.	488-00065	Total Pages	73
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Named Inventor or Application Identifier			
		Kazuhito Kasahara			
		Express Mail Label No.	EV383667288US		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)			
2. <input checked="" type="checkbox"/> Specification [Total Pages 43] (preferred arrangement set forth below)		7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
- Descriptive title of the Invention		a. <input type="checkbox"/> Computer Readable Copy			
- Cross References to Related Applications		b. <input type="checkbox"/> Paper Copy (identical to computer copy)			
- Statement Regarding Fed sponsored R & D		c. <input type="checkbox"/> Statement verifying identity of above copies			
- Reference to Microfiche Appendix		ACCOMPANYING APPLICATION PARTS			
- Background of the Invention		8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
- Brief Summary of the Invention		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)			
- Brief Description of the Drawings (if filed)		10. <input type="checkbox"/> English Translation Document (if applicable)			
- Detailed Description		11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations			
- Claim(s)		12. <input type="checkbox"/> Preliminary Amendment			
- Abstract of the Disclosure		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 24]		14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior Statement(s) application, Status still proper and desired			
4. Oath or Declaration [Total Pages 3]		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)			
a. <input checked="" type="checkbox"/> Newly executed (original or copy)		16. <input type="checkbox"/> Other: <u>Certificate of Express Mail</u>			
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]					
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).					
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.					
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:					
18. CORRESPONDENCE ADDRESS					
NAME	Joseph J. Jochman, Reg. No. 25,058 ANDRUS, SCEALES, STARKE & SAWALL, LLP				
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CERTIFICATE OF EXPRESS MAIL

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Barbara A. Johnson  
Name

January 30, 2004  
Date

*Barbara A. Johnson*  
Signature

*1-30-04*  
Date



04772 U.S. PTO

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PTO/SB/17  
(10/97)

## FEE TRANSMITTAL

## COMPLETE IF KNOWN

Application Number	
Filing Date	1/30/2004
First Named Inventor	Kazuhito Kasahara
Group Art Unit	
Examiner Name	

Total Amount of Payment	(\$ 770.00)	Attorney Docket Number	488-00065
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
<b>1.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>01.2000</u> Deposit Account Name <u>Andrus, Scales, Starke &amp; Sawall, LLP</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)		<b>2. Additional Fees</b> Large Entity    Small Entity Fee    Fee    Fee    Fee Code (\$)    Code (\$)    Fee Description    Fee Paid	
<b>3.</b> <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other			
<b>FEE CALCULATION (fees effective 10/01/97)</b>			
<b>1. Filing Fee</b> Large Entity    Small Entity Fee    Fee    Fee    Fee Code (\$)    Code (\$)    Fee Description    Fee Paid			
101 770 201 385 Utility filing fee    \$770		105 130 205 65 Surcharge-late filing fee or oath	
106 340 206 170 Design filing fee		127 50 227 25 Surcharge-late provisional filing fee	
107 530 207 265 Plant filing fee		or cover sheet	
108 770 208 385 Reissue filing fee		139 130 139 130 Non-English specification	
114 160 214 80 Provisional filing fee		147 2,520 147 2,520 For filing a request for reexamination	
SUBTOTAL (1) (\$ 770.00)		112 920* 112 920* Requesting publication of SIR prior to	
		Examiner action	
		113 1,840* 113 1,840* Requesting publication of SIR after	
		Examiner action	
		115 110 215 55 Extension for response within first	
		month	
		116 400 216 200 Extension for response within second	
		month	
		117 950 217 475 Extension for response within third	
		month	
		118 1,510 218 755 Extension for response within fourth	
		month	
		128 2,060 228 1,030 Extension for response within fifth	
		month	
		119 310 219 155 Notice of appeal	
		120 310 220 155 Filing a brief in support of an appeal	
		121 270 221 135 Request for oral hearing	
		138 1,510 138 1,510 Petition to institute a public use	
		proceeding	
		140 110 240 55 Petition to revive unavoidably	
		abandoned application	
		141 1,320 241 660 Petition to revive unintentionally	
		abandoned application	
		142 1,320 242 660 Utility issue fee (or reissue)	
		143 450 243 225 Design issue fee	
		144 670 244 335 Plant issue fee	
		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional	
		applications	
		126 240 126 240 Submission of Information Disclosure	
		Statement	
		581 40 581 40 Recording each patent assignment per	
		property (times number of	
		properties	
		146 790 246 395 Filing a submission after final rejection	
		(37 CFR 1.129(a))	
		149 790 249 395 For each additional invention to be	
		examined (37 CFR 1.129(b))	
<b>2. Claims</b> Extra Fee from Fee Paid below Total claims <u>9-20= 0</u> X <u>      </u> = <u>      </u> Independent <u>2 - 3= 0</u> X <u>      </u> = <u>      </u> Claims Multiple Dependent <u>      </u> X <u>      </u> = <u>      </u> Claims Large Entity    Small Entity    Fee Fee    Fee    Fee    Fee    Description Code (\$)    Code (\$)    Code (\$)    Code (\$)    Code (\$)		Other fee (specify) _____	
103 18 203 9 Claims in excess of 20		Other fee (specify) _____	
102 78 202 39 Independent claims in		SUBTOTAL (3) (\$ 0)	
excess of 3		*Reduced by Basic Filing Fee Paid	
104 270 204 135 Multiple dependent claim			
109 82 209 41 Reissue independent			
claims over original			
patent			
110 22 210 11 Reissue claims in excess of			
20 and over original patent			
SUBTOTAL (2) (\$ 0)			

SUBMITTED BY		COMPLETE (if applicable)	
Type or Printed name	Joseph J. Jochman Andrus, Scales, Starke & Sawall, LLP	Registration Number	25,058
Signature		Date	1/30/2004
		Deposit Account User ID	